

Z/012/61/000/003/003/004
E112/E435

Thermal decomposition ...

latter consisting of parallel octahedral (AlO_6) chains, cross-linked alternately by aluminium and silicium ions in a tetrahedral coordination. The structure of mullite is arrived at by replacing silicium in silimanite by four atoms of aluminium. The structure of mullite is represented as projection into a plane perpendicular to axis c. Newer thermodynamic data indicate equal probabilities for the formation of either mullite or silimanite from kaolinite, because both reactions have identical changes of free enthalpy. Only kinetic factors will decide which of the products will be formed. It is suggested that mullite formed at lower temperatures is not exactly $3Al_2O_3 \cdot 2SiO_2$, the latter composition being only produced at higher temperatures. The preferred formula for the former is $2Al_2O_3 \cdot SiO_2$, but the problem is not yet explained with certainty. There are 6 figures (thermal analysis curves and 5 diagrams of crystalline structures) and 48 references: 4 Soviet-bloc and 44 non-Soviet-bloc. The four most recent references to English language publications read as follows: V.P.Budnikov, O.P.Mchedlov-Petrosjan: Trans.Brit.Cer.Soc.59, 479 (1960); J.L.Evans, J.White: J.Wiley, N.York 1959;

Card 3/4

Thermal decomposition ...

Z/012/61/000/003/003/004
E112/E435

S.O.Agrell, J.W.Smith: J.Am.Cer.Soc.43,69 (1960);
Atsbury: Proc.Roy.Soc. (London) 143A, 278 (1960).

ASSOCIATION: Katedra technologie silikátů VŠCHT-Praha
(Chair of Silicate Technology, University of
Chemical Technology, Prague)

SUBMITTED: March 2, 1961

Card 4/4

SATAVA, Vladimir

Use of thermographic methods for examination of reaction kinetics. Silikaty 5 no.1:68-85 '61.

1. Katedra technologie silikatu, Vysoka skola chemicko-technologicke, Praha.

SATAVA, Vladimir

Reactions solids with liquids. Silikaty 5 no.2:171-181 '61.

1. Vysoka skola technologie silikatu, Vysoka skola chemicko-
technologicka, Praha.

SATAVA, Vladimir

Thermal decomposition of kaolinite. Silikaty 5 no.3:248-255 '61.

1. Katedra technologie silikatu, Vysoka skola chemicko-technologicka, Praha.

SATAVA, Vladimir

Thermographic study of ultramarine formation. Silikaty 6 no.1:
16-24 '62.

1. Katedra technologie silikatu, Vysoka skola chemicko-techno-
logicka, Praha.

SATAVA, V., inž., dr., CSc. (Praha 6, Jugoslavských partyzanu 31)

"X-ray interferences" by Max von Laue. Reviewed by Satava. Silikaty
6 no.1:142 '62.

SATAVA, V.; INZ., DR., CSC. (Prana O, Jugoslavien por...)

"Introduction to solids" by L.V.Azaroff. Reviewed by Satava.
Silikaty 6 no.1:142 '62.

SATAVA, Vladimir; SESTAK, Jaroslav

Effect of the setting temperature on the structure and strength of plaster of Paris. Silikaty 6 no.2:178-183 '62.

1. Katedra technologie silikatu, Vysoka skola chemicko-technologicka, Praha.

SATAVA

Chemistry and technology of cement by Rudolf Barta.
Reviewed by Satava. Silikaty 6 no.2:235 '62.

SATAVA, V., doc., inz., dr., C.Sc.

"Introduction to advanced inorganic chemistry" by P.J. Durrant,
B. Durrant. Reviewed by Satava. Silikaty 7 no.2:186 '63.

SATAVA, Vladimir; PROKOP, Milo

Examination of gypsum dehydration kinetics in calcium chloride solutions.
Silikaty 7 no.2:118-124 '63.

1. Katedra technologie silikatu, Vysoka skola chemicko-technologicka,
Praha.

SATAVA, V., doc., inz. dr., CSc. (Praha 6, Jugoslavskych partyzanu 31)

"The surface chemistry of solids" by S.J.Gregg. Reviewed by
Satava. Silikaty 7 no.4:331 '63.

SATAVA, V., doc. inz. dr. CSc. (Praha 6, Jugoslavských partyzanu 31)

"Diffusion in solids" by P.G.Shewmon. Reviewed by Satava.
Silikaty 8 no. 2:180-181 Ap '64.

"Advances in X-ray diffractometry and X-ray spectrography"
by W.Parrish. Reviewed by Satava. Ibid.:181-182

"Chemistry in the service of archaeology, building technology,
and monumen^t preservation" by J. Arvid Hedwall. Reviewed by
Satava. Ibid.:183

SATAVA, V., doc. inz. dr. CSc. (Praha 6, Jugoslavskych partizanu 31)

"Advances in glass technology" edited by F. R. Matson, G. E. Rindone. Pt. 2. Reviewed by Satava. Silikaty 8 no.3:264-265 '64.

"Modern approach to inorganic chemistry" by G. F. Bell, K.A.K. Lott. Reviewed by Satava. Ibid.:265

"Textbook of colloid chemistry" by K. Edelman. Pt. 1. Reviewed by Satava. Ibid.:266

"Advances in structure research by diffraction methods" edited by R. Brill. Pt. 1. Reviewed by Satava. Ibid.:267

"The physical chemistry of metallurgical processes" by A. K. Biswas, G. R. Bashforth. Reviewed by Satava. Ibid.:270.

BLAHA, Jindrich; SATAVA, Vladimir

Study of the hardening process of suspensions of lime and silica gel at 175°C. Pts. 1-2. Silikaty 8 no.4:293-312
O '64.

1. Joint Laboratory of Silicate Chemistry, Czechoslovak Academy of Sciences and Higher School of Chemical Technology, Prague.

BARTA, Rudolf, prof. inz. dr. DrSc. (Prague 6, Mlcunova 5); SATAVA, V.,
doc. inz. dr. CSc. (Prague 6, Jugoslavskych partizanu 31)

Book reviews. Silikaty 9 no.1:76-84 '65.

SATEYEV, A.F.

Fruit and tree pests in the Karaganda Botanical Garden. Trudy
Inst.bot.AN Kazakh.SSR 14:214-219 '62. (MIRA 16:4)

(Karaganda—Fruit—Diseases and pests)

(Karaganda—Trees—Diseases and pests)

(Karaganda—Insects, Injurious and beneficial)

VINNIKOV, P.L.; SLEPOVA, R.I.; SATAYEV, I.F.

Inhalation of calcium chloride aerosols in the compound treatment
of pulmonary tuberculosis. Kaz.med.zhur. no.4:7-9 J1-Ag '62.
(MIRA 15:8)

1. Kafedra ftiziatrit (zav. - dotsent P.L.Vinnikov) Kazanskogo
gosudarstvennogo instituta dlya usovershenstvovaniya vrachey
imeni Lenina na baze gosspitalya invalidov Otechestvennoy voyny
(nachal'nik - N.S.Valeyev) i protivotuberkuleznyy sanatoriy "Tar-
lovka" (glavnyy vrach - T.N.Ayzatullina).
(TUBERCULOSIS) (AEROSOL THERAPY) (LIME, CHLORIDE OF)

L 1146-66 (A) EWP(c)/EWP(j)/EWP(k)/EWP(d)/EWI(m)/EWP(h)/I/EWP(l)/EWP(v) RM

ACCESSION NR: AP5021997

UR/0286/65/000/014/0075/0075

AUTHOR: Novikov, G. V.⁴⁴; Tikhomirov, A. F.⁴⁴; Satayev, L. S.⁴⁴; Baranov, K. N.⁴⁴

TITLE: A mechanism for sealing the rims of automobile tires. Class 39, No. 172979

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1965, 75

TOPIC TAGS: industrial automation, vulcanization, rubber working machinery

ABSTRACT: This Author's Certificate introduces a mechanism for sealing the rims of automobile tires. Mounted on the shaft of the assembly machine is a drive mechanism for a circular spring with thrust levers. The drive mechanism for the circular spring is made in the form of a ring-type pneumatic cylinder hinged to the thrust levers which carry the circular spring to increase the range of applications of the assembly machine and the operational use between repairs.

ASSOCIATION: none

SUBMITTED: 23Jul58

NO REF SOV: 000

ENCL: 01

OTHER: 000

SUB CODE: IE

Card 1/2

L 1146-66

ACCESSION NR: AP5021997

ENCLOSURE: 01

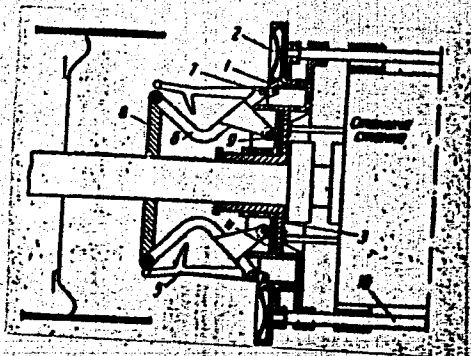


Fig. 1. 1--mold; 2--tire tube;
3--pneumatic cylinder; 4--pis-
ton; 5--squeezing lever; 6--
--thrust lever; 7--axle; 8--
--spring; 9--roller; 10--rod

Kc
Card 2/2

SATAYEV, M.M.

Vaccine and antibiotic therapy of experimental brucellosis. Med. zhur.
Uzb. no.1:33-35 Ja '59. (MIRA 13:2)

1. Iz Uzbekskogo nauchno-issledovatel'skogo veterinarnogo instituta
(rukovoditel' - dotsent B.G. Mamatsashvili).
(BRUCELLOSIS) (ANTIBIOTICS)

SATAYEV, M.M.

Use of some antibiotics and biologicals against brucellosis in
animals. Report No.1. Trudy Uz.nauch.-issl.inst.vet. 14:55-57
'61. (MIRA 16:2)
(Uzbekistan--Brucellosis in cattle)
(Antibiotics)

ACCESSION NR: AP5018439

UR/0242/64/000/012/0040/0043

23
10
8

Author: Satayev, K. M. (Junior research associate)

Subject: Synthesis of nucleic acids and protein during
experimental brucellosis

Source: Trudy Akad. Nauk SSSR, 1984, 40-41

Keywords: protein, experiment animal, chloride, nucleic acid, brucellosis,
biochemistry, tetracycline, radiology

Abstract: The effect of tetracycline hydrochloride on protein and nucleic
acid synthesis during experimental brucellosis was studied in four groups of
mice. Groups 1 and 2 were infected by *B. melitensis* 1
and 2 respectively.

Results: In group 1, the synthesis of protein and nucleic acids in the liver
was significantly inhibited. In group 2, the synthesis of protein and nucleic
acids in the liver was not significantly inhibited. In group 3, the synthesis
of protein and nucleic acids in the liver was significantly inhibited.

AP5018439

It checks assimilation of glycine- C^{14} in spleen proteins.
 showed that tetracycline checks nucleic acid and

Experimental data on the use of tetracycline in the study of nucleic acid metabolism in spleen proteins.
 Experimental

05/10/64

ENCL: 00

SUP CODE: 10

004

OTHER: 006 5

JPRS

Contd 2/2

DIMANT, I.N.; ABDURASULOV, D.M.; STOLYAROVA, A.G.; LOKTIONOV, G.M.; SATAYEV, M.M.

Reactive processes in the brain during chronic local irradiation.
Arkhnat.gist. i embr. 48 no.3:84-90 Mr '65.

(MIRA 18:6)

1. Otdel eksperimental'noy onkologii (zav. - starshiy nauchnyy
sotrudnik I.N.Dimant) Nauchno-issledovatel'skogo instituta
rentgenologii, radiologii i onkologii Ministerstva zdravookhraneniya
Uzbekskoy SSR, Tashkent.

DIMANT, I.N.; LOKTIONOV, G.M.; SATAYEV, M.M.

Induction of tumors of the membranes of the spinal cord in rabbits
by radioactive cobalt. Vop. onk. 11 no.5:46-53 '65. (MIRA 18:8)

1. Iz otdela eksperimental'noy onkologii (zav. - starshiy nauchnyy
sotrudnik I.N.Dimant) Nauchno-issledovatel'skogo instituta
antigenologii, radiologii i onkologii Ministerstva zdoravookhraneniya
UzSSR (dir. - prof. D.M.Abdurasulov).

DIMANT, I.N.; LOKTIONOV, G.M.; SATAYEV, M.M.; LI, M.I.

Effectiveness of combined methods in treating neuroectodermal tumors. Pat. fiziol. i eksp. terap. 9 no.1:46-49 Ja-F '65.

(MIRA 18:11)

1. Otdel eksperimental'noy onkologii (zav. - I.N. Dimant)
Instituta rentgenologii, radiologii i onkologii (direktor - prof.
D.M. Abdurasulov), Tashkent.

SUKHOV, V.P., inzh.; SATAYEV, R.A., inzh.; ANDREYEV, V.V., inzh.

Using the ADS-1000-2 automatic machine for welding fillet girth joints. Svar. proizv. no.8:31-32 Ag '64.

(MIRA 17:9)

1. Bakinskiy mashinostroitel'nyy zavod im. Sardarova (for Sukhov). 2. Azerbaydzhanskiy nauchno-issledovatel'skiy institut neftyanogo mashinostroyeniya (for Satayev, Andreyev).

SATAYEV, S. S.

Amendment of the instructions for the interpretation of the
tape recordings of the track measuring car. Put' i put. khoz.
6 no.8:15 '62. (MIRA 15:10)

1..Zamestitel' nachal'nika vagona-puteizmeritelya, stantsiya
Kandagach, Kazakhskoy dorogi.

(Railroads—Maintenance and repair)

SATAYEV, Yu. P.

SHISHKIN, V.Yu., kandidat tekhnicheskikh nauk; SATAYEV, Yu.P., inzhener

Conferences on welding problems in bridge building. Svar. proizv.
no.7:26-27 JI '55. (MIRA 8:9)
(Bridges, Iron and steel--Welding--Congresses)

GUZEVICH, Yu.D.; SATAYEV, Yu.P.

Relation between static and impact strength of "Menazhe" specimens
subjected to bending tests. Zav.lab.21 no.6:724-726 '55.
(MLRA 8:9)

1. Nauchno-issledovatel'skiy institut mostov
(Steel--Testing)

SATAYEV, Yu. P.

Relation between Static and Impact Work in the Bending
of Monopile Test-Pieces

SATAYEV, YU. P.

AUTHOR: Satayev, Yu. P., Engineer

135-9-3/24

TITLE: Effect of Low Temperatures on Static Strength of Welded Joints (Vliyaniye nizkikh temperatur na staticheskuyu prochnost' svarnykh soyedineniy.)

PERIODICAL: "Svarochnoye Proizvodstvo", 1957, # 9, p 8-10 (USSR)

ABSTRACT: The article presents the results of an experimental investigation on steel "M16C" which is used for bridge, boiler, and other heavy-duty constructions. Specimens of differently shaped welded joints used in bridge construction were tested and coefficients of stress concentration were found. Smallest stress concentration was revealed in butt joints with a small height of the weld bead (1.5 - 2 mm) and a smooth transfer of surface to base metal. The critical brittleness temperature of welded joints was found to be nearly directly dependent on the stress concentration coefficient. It was concluded that the static strength of the basic forms of welded joints applied in bridges increases with dropping temperatures and the joints are not prone to brittleness at low temperatures. The specimens imitating riveted joints showed low plasticity and were more prone to brittleness. In summary, welded joints with high stress concentrations

Card 1/2

135-9-3/24

Effect of Low Temperatures on Static Strength of Welded Joints

are not permissible in heavy-duty structures, but the construction of welded bridges need not be limited in cold regions. It is only necessary to create an adequate "temperature excess strength" (3), i.e. ductility in the designing of bridges. The technology of experiments is described in full detail.

The article contains 6 diagrams and lists 3 references (all Russian)

ASSOCIATION: Scientific Research Institute for Bridges (NII mostov)

AVAILABLE: Library of Congress

Card 2/2

SOV/137-58-8-17041

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 119 (USSR)

AUTHOR: Satayev, Yu.P.

TITLE: The Effect of Low Temperatures on the Strength of Welded Joints in Bridge Structures (Vliyaniye nizkikh temperatur na prochnost' svarnykh soyedineniy mostovykh konstruktsiy)

PERIODICAL: Soobshch. N.-i. in-t mostov pri LIIZhT, 1957, Nr 50, 28 pp, ill.

ABSTRACT: Bibliographic entry

1. Welded joints—Mechanical properties
2. Welded joints—Temperature factors
3. Bridges—Properties

Card 1/1

AUTHOR:

Satayev, Yu.P.

SOV 125-58-3-8/15

TITLE:

The Effect of Low Temperatures on the Strength of Welded Joints Under Impact Tension (O vliyani nizekikh temperatur na prochnost' svarnykh soyedineniy pri udarnom razryazhenii)

PERIODICAL:

Avtomaticheskaya svarka, 1958, Nr 3, pp 57-61 (USSR)

ABSTRACT:

Information is presented on impact tests of welded joints under low temperatures carried out at the Scientific Research Institute of Bridges attached to LIIZHT. Specimens of "M16S"-steel were tested on a ram impact machine with the use of a reverser (Figure 1), and were subjected to artificial freezing in a mixture of benzine and carbonic acid. Technology and results of the tests are described. The following conclusions were made: The resistance of the joints to impact increased at lower temperatures. Relative elongation and contraction were reduced but remained sufficiently high. Relative elongation, contraction and specific breaking load were higher at impact than in static tests. Brittleness at low temperatures under impact tension was not revealed. Specimens with holes, imitating riveted joints, showed a lower breaking load and were prone to brittleness.

Card 1/2

SOV 125-58-3-8/15

The Effect of Low Temperatures on the Strength of Welded Joints Under Impact Tension

There is 1 figure, 2 graphs, 2 tables and 1 Soviet reference.

ASSOCIATION: Nauchno-issledovatel'skiy institut mostov pri LIIZHT
(Scientific Research Institute of Bridges attached to LIIZHT)

SUBMITTED: December 4, 1956

1. Welds--Mechanical properties
2. Welds--Temperature factors
3. Welds--Test results

Card 2/2

SATAYEV, Yu. P., Candidate Tech Sci (diss) -- "Investigation of the effect of low temperatures on the strength of weld joints of bridge structures". Leningrad, 1959. 16 pp (Min Transportation USSR, Leningrad Order of Lenin Inst of Railroad Transport Engineers im Acad V. N. Obraztsov), 120 copies (KL, No 24, 1959, 140)

SAVEL'YEV, A.A., inzh.; SATAYEV, Yu.P., inzh.

Cold riveting of bridge construction elements made of aluminum alloys. Transp.stroi. 9 no.8:24-28 Ag. '59.

(MIRA 13:1)

(Rivets and riveting) (Aluminum alloys)
(Bridge construction)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001447220017-3

SECRET (S) (C) (U) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) (AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH) (AI) (AJ) (AK) (AL) (AM) (AN) (AO) (AP) (AQ) (AR) (AS) (AT) (AU) (AV) (AW) (AX) (AY) (AZ) (BA) (BB) (BC) (BD) (BE) (BF) (BG) (BH) (BI) (BJ) (BK) (BL) (BM) (BN) (BO) (BP) (BQ) (BR) (BS) (BT) (BU) (BV) (BW) (BX) (BY) (BZ) (CA) (CB) (CC) (CD) (CE) (CF) (CG) (CH) (CI) (CJ) (CK) (CL) (CM) (CN) (CO) (CP) (CQ) (CR) (CS) (CT) (CU) (CV) (CW) (CX) (CY) (CZ) (DA) (DB) (DC) (DD) (DE) (DF) (DG) (DH) (DI) (DJ) (DK) (DL) (DM) (DN) (DO) (DP) (DQ) (DR) (DS) (DT) (DU) (DV) (DW) (DX) (DY) (DZ) (EA) (EB) (EC) (ED) (EE) (EF) (EG) (EH) (EI) (EJ) (EK) (EL) (EM) (EN) (EO) (EP) (EQ) (ER) (ES) (ET) (EU) (EV) (EW) (EX) (EY) (EZ) (FA) (FB) (FC) (FD) (FE) (FF) (FG) (FH) (FI) (FJ) (FK) (FL) (FM) (FN) (FO) (FP) (FQ) (FR) (FS) (FT) (FU) (FV) (FW) (FX) (FY) (FZ) (GA) (GB) (GC) (GD) (GE) (GF) (GG) (GH) (GI) (GJ) (GK) (GL) (GM) (GN) (GO) (GP) (GQ) (GR) (GS) (GT) (GU) (GV) (GW) (GX) (GY) (GZ) (HA) (HB) (HC) (HD) (HE) (HF) (HG) (HH) (HI) (HJ) (HK) (HL) (HM) (HN) (HO) (HP) (HQ) (HR) (HS) (HT) (HU) (HV) (HW) (HX) (HY) (HZ) (IA) (IB) (IC) (ID) (IE) (IF) (IG) (IH) (II) (IJ) (IK) (IL) (IM) (IN) (IO) (IP) (IQ) (IR) (IS) (IT) (IU) (IV) (IW) (IX) (IY) (IZ) (JA) (JB) (JC) (JD) (JE) (JF) (JG) (JH) (JI) (JJ) (JK) (JL) (JM) (JN) (JO) (JP) (JQ) (JR) (JS) (JT) (JU) (JV) (JW) (JX) (JY) (JZ) (KA) (KB) (KC) (KD) (KE) (KF) (KG) (KH) (KI) (KJ) (KK) (KL) (KM) (KN) (KO) (KP) (KQ) (KR) (KS) (KT) (KU) (KV) (KW) (KX) (KY) (KZ) (LA) (LB) (LC) (LD) (LE) (LF) (LG) (LH) (LI) (LJ) (LK) (LL) (LM) (LN) (LO) (LP) (LQ) (LR) (LS) (LT) (LU) (LV) (LW) (LX) (LY) (LZ) (MA) (MB) (MC) (MD) (ME) (MF) (MG) (MH) (MI) (MJ) (MK) (ML) (MM) (MN) (MO) (MP) (MQ) (MR) (MS) (MT) (MU) (MV) (MW) (MX) (MY) (MZ) (NA) (NB) (NC) (ND) (NE) (NF) (NG) (NH) (NI) (NJ) (NK) (NL) (NM) (NN) (NO) (NP) (NQ) (NR) (NS) (NT) (NU) (NV) (NW) (NX) (NY) (NZ) (OA) (OB) (OC) (OD) (OE) (OF) (OG) (OH) (OI) (OJ) (OK) (OL) (OM) (ON) (OO) (OP) (OQ) (OR) (OS) (OT) (OU) (OV) (OW) (OX) (OY) (OZ) (PA) (PB) (PC) (PD) (PE) (PF) (PG) (PH) (PI) (PJ) (PK) (PL) (PM) (PN) (PO) (PP) (PQ) (PR) (PS) (PT) (PU) (PV) (PW) (PX) (PY) (PZ) (QA) (QB) (QC) (QD) (QE) (QF) (QG) (QH) (QI) (QJ) (QK) (QL) (QM) (QN) (QO) (QP) (QQ) (QR) (QS) (QT) (QU) (QV) (QW) (QX) (QY) (QZ) (RA) (RB) (RC) (RD) (RE) (RF) (RG) (RH) (RI) (RJ) (RK) (RL) (RM) (RN) (RO) (RP) (RQ) (RR) (RS) (RT) (RU) (RV) (RW) (RX) (RY) (RZ) (SA) (SB) (SC) (SD) (SE) (SF) (SG) (SH) (SI) (SJ) (SK) (SL) (SM) (SN) (SO) (SP) (SQ) (SR) (SS) (ST) (SU) (SV) (SW) (SX) (SY) (SZ) (TA) (TB) (TC) (TD) (TE) (TF) (TG) (TH) (TI) (TJ) (TK) (TL) (TM) (TN) (TO) (TP) (TQ) (TR) (TS) (TT) (TU) (TV) (TW) (TX) (TY) (TZ) (UA) (UB) (UC) (UD) (UE) (UF) (UG) (UH) (UI) (UJ) (UK) (UL) (UM) (UN) (UO) (UP) (UQ) (UR) (US) (UT) (UU) (UV) (UW) (UX) (UY) (UZ) (VA) (VB) (VC) (VD) (VE) (VF) (VG) (VH) (VI) (VJ) (VK) (VL) (VM) (VN) (VO) (VP) (VQ) (VR) (VS) (VT) (VU) (VV) (VW) (VX) (VY) (VZ) (WA) (WB) (WC) (WD) (WE) (WF) (WG) (WH) (WI) (WJ) (WK) (WL) (WM) (WN) (WO) (WP) (WQ) (WR) (WS) (WT) (WU) (WV) (WW) (WX) (WY) (WZ) (XA) (XB) (XC) (XD) (XE) (XF) (XG) (XH) (XI) (XJ) (XK) (XL) (XM) (XN) (XO) (XP) (XQ) (XR) (XS) (XT) (XU) (XV) (XW) (XX) (XY) (XZ) (YA) (YB) (YC) (YD) (YE) (YF) (YG) (YH) (YI) (YJ) (YK) (YL) (YM) (YN) (YO) (YP) (YQ) (YR) (YS) (YT) (YU) (YV) (YW) (YX) (YZ) (ZA) (ZB) (ZC) (ZD) (ZE) (ZF) (ZG) (ZH) (ZI) (ZJ) (ZK) (ZL) (ZM) (ZN) (ZO) (ZP) (ZQ) (ZR) (ZS) (ZT) (ZU) (ZV) (ZW) (ZX) (ZY) (ZZ)

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CIA-RDP86-00513R001447220017-3"

TRANSLATION: It has been determined that the actual strength
of the material is 100% of the design strength. AV-T1, AD 11-T1.

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CIA-RDP86-00513R001447220017-3

SUB VVDS: 1A

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001447220017-3"

SATAYEVA, R.M.

Treatment of peptic ulcer with conditioner reflex sleep therapy.
Klin. med., Moskva 30 no.9:58-61 Sept 1952. (GLML 23:2)

1. Of the Surgical Division of Makarovskiy Hospital (Head Physician --
R. M. Satayeva), Kiev Oblast.

SATAYEVA, R.M.; BEYLIN, P.Ye.; LAGEDZA, I.A.; DENISOVA, N.P.

Data on the problem of a prophylactic and therapeutic regimen and its efficacy.
(MLRA 6:11)
Klin.med. 31 no.9:71-74 S '53.

1. Makarovskaya rayonnaya bol'nitsa Kiyevskoy oblasti. (Sleep)

LYUBARSKAYA, E.V.; SATAYEVA, T.N.

Treatment of hemolysis in newborns. Med. zhur. Uz. no.1:48-49
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fiz.-mat. nauk, red.; SKALKOVSKIY, L., red.

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1965. 236 p. (MIRA 18:3)

SIYM, A.Kh. [Siim, A.]; Prinimali uchastiye: Myannik, A. [Männik, A];
SAABAS, L.; KOVAK, Kh.; LANG, A.L.; SATCHOK, Kh.

Effect of rutin on blood composition in guinea pigs and anemic rabbits.
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(RUTIN) (ERYTHROPOIESIS)

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✓ Production of chromite-magnesite refractories. Z. SATCZEK. *Prace Inst. Ministerstwa Huti.*, 6, 235-38 (1954); abstracted in *J. Appl. Chem. (London)*, 5 [8] 11-188 (1955).—Chromite-magnesite brick with varying amounts of the constituents were prepared and examined to determine the optimum composition and particle size for thermally stable products (resistant to >30 cycles of thermal shock). The effects of admixtures (Al_2O_3 , CaO , serpentine, etc.) were investigated. Best properties were found in samples containing 65% chromite ore (0 to 5 mm.) and 35% magnesite (0 to 0.5 mm.); the addition of 1 to 5% Al_2O_3 improved some properties but reduced thermal resistance. By applying pressure of ~ 1000 kg./cm.² to masses containing $\sim 3\%$ moisture and firing at $\sim 1650^\circ$, products with the following properties were obtained: refractoriness under load $t_m \sim 1480^\circ$; $t_r \sim 1550^\circ$; compressive strength ~ 200 kg./cm.²; relative porosity $\sim 22\%$; specific gravity ~ 3.04 gm./cc.; afterexpansion (after heating for 4 hr. at 1600°) $\sim 0.42\%$; and resistance to thermal shock of ~ 30 cycles. V.R.E.

SATCZEK, Zenaida

SATCZEK, Zenaida (Engr., Mgr.): "Comparison of the Durability of Chromite-Magnesite Vaults in Open-Hearth Furnaces in Poland," Hutnik, Vol XXIV, No 10, October 1957, Katowice, pp 387-391. (JPRS/DC-41), Published from the Institute of Fireproof Materials, Gliwice.

SATIOZEL ZENNIDH

The durability of ~~hydrolytic-resistant~~ crown in open
hydrolytic resistant crown last 10 years.

11

2
S/061/62/000/022/047/058
B160/B186

AUTHORS: Elsner, Karol, Juszczyk, Leopold, Mazur, Kazimierz,
Nadachowski, Franciszek, Rut, Władysław, Satczek, Zenoida,
Szymborski, Wacław, Tochowicz, Stanisław

TITLE: Production method for carbonized dolomite refractories which
do not require firing

PERIODICAL: Referativnyy zhurnal. Khimiya; no. 22, 1962, 354, abstract
22K244 (Pol. pat. 44592, June 14, 1961)

TEXT: The distinctive feature of this method is that the dolomite fraction
with grain size 2 mm is subjected to an electrical discharge during the
calcination, and is then saturated under pressure by an organic substance
which protects it from moisture. The fraction thus obtained is mixed with
calcined magnesite, or some similar material, containing > 60 % MgO with a
grain size of 4 mm. When the resulting mass is molded, resin, sulfite
liquor or molasses are introduced to get better compacting. In some cases,
to improve the mechanical properties, chemical bonding agents are added.
[Abstracter's note: Complete translation.] ✓

Card 1/1

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NO: SUM 318, 23 Dec 1954

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(MIRA 13:3)

(Essences and essential oils)
(Kazakhstan--Wormwood)
(Soviet Central Asia--Wormwood)

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(Kazakhstan--Wormwood)

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SHABANOV, I.M.; POLYAKOV, P.P.

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Kazakhstan and some regions of Central Asia. Trudy Inst. khim.
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(MIRA 13:3)

(Kazakhstan--Botany, Economic)
(Soviet Central Asia--Botany, Economic)
(Alkaloids)

GORYAYEV, M.I.; SAZONOVA, R.N.; SATDAROVA, E.I.; SHABANOV, I.M.

Constancy of amide and ammonia nitrogen concentration in the ephedra
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apple varieties during storage. Trudy Inst. khim. nauk AN Kazakh.
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LOV, D.R.

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(for Satdinov).

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SBORNIK. RAD A MECHANISACE A ELETRIFIKACE ZEMEDELSTVI A LESNICTVI

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1. ^ESATEL', ~~SE~~ A. : SHILIN, A. I. : YELIZAVETIN, M. A. : VOSTOKOV, A. I.
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(Machinery industry)

SATEL', E.A., doktor tekhnicheskikh nauk, professor, redaktor; GLINER,
B.M., inzhener, redaktor; SOKOLOVA, T.F., tekhnicheskii redaktor

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(Machine tools) (Balancing of machinery)

5/11/64, 1.11

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E. A. Satei and M. A. Elzevelin. *Vestnik Mashinostroyeniya*
33, No. 2, 81-8 (1956). — in hydropolishing, a mixt. of water
64.4, abrasives 33.8, Na_2CO_3 1.5, and NaNO_3 0.5% is
blown at an angle of 40-60° to the surface from a nozzle 60-
100 mm. distant from it. The treatment produces a uniform
dull surface 25-30% more wear resistant than a surface of the
same roughness but mechanically ground, more corrosion re-
sistant in vapors of HCl and H_2O and in sea water, and hav-
ing a 15% greater fatigue strength. I. D. Gat

17.24

SATEL', I.A., zaslushennyi deyatel' nauki i tekhniki, doktor tekhnicheskikh nauk, professor.

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(Metals--Hardening)

SATEL', E.A., doktor tekhnicheskikh nauk, professor; YELIZAVETIN, M.A.,
kandidat tekhnicheskikh nauk.

Technological characteristics of the hydraulic polishing process
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(Grinding and polishing)

KORZUN, Petr Petrovich; SLODEKOVICH, Natal'ya Ivanovna; SATEL', E.A.,
professor, doktor tekhnicheskikh nauk; GORENSHTEYN, B.I., inzhener,
retsensent; METT, G.Ya., dotsent, redaktor; BOGOLYUBOVA, I.Yu.,
redaktor izdatel'stva; MATVEYEVA, Ye.N., tekhnicheskii redaktor

[Planning operations and production in machine building plants;
organization by work schedules] Operativno-proizvodstvennoe planiro-
vanie na mashinostroitel'nom zavode; organizatsiia raboty po grafiku.
Pod red. E.A.Satelia. Moskva, Gos. nauchno-tekhn. izd-vo mashino-
stroit. lit-ry, 1956. 191 p. (MLRA 9:12)
(Efficiency, Industrial) (Machinery industry)

SATEL' EDUARD ADAMOVICH

PHASE I BOOK EXPLOITATION

389

Satel', Eduard Adamovich

Osnovy organizatsii i planirovaniya mashinostroitel'nykh predpriyatiy
SSSR (Principles of Organization and Planning of Machine-
building Enterprises in the USSR) Moscow, Mashgiz, 1957,
155 p. 12,000 copies printed.

Ed.: Sochinskiy, A.R., Engineer; Ed. of Publishing House:
Barykova, G.I.; Tech. Ed.: Uvarova, A.F.; Managing Ed. for
Literature on the Economics and Organization of Machine Building
(Mashgiz): Saksaganskiy, T.D.

PURPOSE: This book is intended as a text-book for students of
industrial engineering institutes and industrial engineering
departments of technical vuzes and is authorized as such by
the Ministry of Higher Education. It is also considered
useful to engineering and technical personnel in machine-
building enterprises.

Card ~~1/4~~

Principles of Organization and Planning of Machine (Cont.) 389

COVERAGE: The book describes features, objectives, tasks, and principal stages in the development of the organization and planning of socialist machine-building enterprises. Problems in the organization of production processes and structure of enterprises as well as their administration are discussed. A separate chapter is devoted to characteristic features of basic types of production. The theoretical presentation in the book is illustrated with examples from Soviet experience. Chapter VI, p. 153-155, contains some specific data on the make-up of some Soviet automated production lines. For example, it is mentioned that the Moscow Automobile Plant im. Likhachev employs an automatic production line which consists of four vertical, four horizontal, and six inclined drilling and boring and thread-cutting machine tools. This line is powered by twenty electric motors with a total capacity of 85 kw, and is employed in machining cylinder blocks for the ZIL-150 motor. All equipment is served by three workers in place of the fifty-six employed prior to

Card 2/4

Principles of Organization and Planning of Machine (Cont.) 389

automation. In another example, the automation equipment at the Moscow Bearing Plant is reported to consist of a line which includes eighty-four units, of which sixty-nine are machine tools. This automated line machines bearing races, coats the races with anticorrosive substances, assembles, and packs both roller and ball bearings. Chapters I to V were written by Professor E.A. Satel' and reviewed by Doctor of Economic Sciences K.I. Klimenko; chapter VI was written by Candidate of Technical Sciences N.A. Radushinskiy and reviewed by Engineer S.A. Dumler. All chapters were read by the Department of Organization and Production Economics of the Moscow Auto-mechanic Institute. There are no references.

Card ~~3/4~~

SATEL'E.A.

YUR'YEV, Nikolay Mikhaylovich; KIRILLOV, Ivan Akimovich; SATEL', E.A.,
doktor tekhn.nauk, prof., red.; KUZNETSOV, B.R., inzh., retsenzent;
SOLODOVNIKOV, V.Ya., ekon., retsenzent; TROITSKIY, P.A., ekon., red.;
SALYANSKIY, A.A., red.izd-va; UVAROVA, A.F., tekhn.red.

[Technical, industrial, and financial plan of a machinery manufacturing
plant] Tekhpromfinplan mashinostroitel'nogo zavoda. Pod red. Ye.A.
Satelis. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry,
1957. 232 p. (MIRA 11:3)

(Industrial management) (Machinery industry)